

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for sending personal information in a subscriber-based ringback tone service comprising:

a home location register providing a call-terminating exchanger with first information about whether or not a registered ringback tone is to be replaced and second information for routing to sound providing means when a calling terminal is registered in the call-terminating exchanger;

the call-terminating exchanger requesting a call connection to the sound providing means based on the first and the second information when the calling terminal requests a call to a called terminal;

and the sound providing means call-connecting to the calling terminal, detecting a specific sound set corresponding to the called terminal, and providing the calling terminal with the detected specific sound when the request of the call connection is received, wherein the specific sound is generated by combining a subscriber information sound for specific information, which identifies a called subscriber or represents a character of the called subscriber, with a common ringback tone replacement sound set by the called ~~subscriber~~ subscriber, wherein the combination includes at least (a subscriber information sound)+(a general ringback tone).

2. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein text information of the subscriber information sound is converted into a voice by a text-to-speech engine in a web server or WAP server.

3. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the subscriber information sound is inputted as a voice via an ARS.

4. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 3, wherein the subscriber information sound is modulated by a voice modulation device.

5. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the specific information includes at least one of a phone number, a name, a nick name and the character of the called subscriber.

6. (Currently Amended) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the combination further includes one or more among:

~~(the subscriber information sound)+(a general ringback tone);~~

(the subscriber information sound)+(the replacement sound)+(the subscriber information sound);

(the replacement sound)+(the subscriber information sound)+(the replacement sound);

(the subscriber information sound)+(a replacement sound 1)+(a replacement sound 2)+(the subscriber information sound);

(a subscriber information sound 1)+(the replacement sound 1)+(a subscriber information sound 2)+(the replacement sound 2); and

(the replacement sound 1)+(the subscriber information sound 1)+(a replacement sound 2)+(the subscriber information sound 2).

7. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the subscriber information sound is different by time zone.

8. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the replacement sound is different by time zone.

9. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 1, wherein the replacement sound is at least one among a basic replacement sound which is not classified by caller; a replacement sound which is classified by caller; and a replacement sound which is set by time zone.

10. (Currently Amended) A method for transmitting personal information in a subscriber-based ringback tone service comprising:

a call-originating exchanger requesting location information to a home register when a calling terminal requests a call to a called terminal;

a home location register requesting routing information of the called terminal to a call-terminating exchanger and providing the call-terminating exchanger with the routing information, first information and second information from the call-terminating exchanger if the request for the location information of the called terminal is received, wherein the first information concerns about whether ~~[[or]]~~ a ringback tone correspondingly set in the called terminal is to be replaced and the second information is for routing to a sound providing means;

the call-originating exchanger requesting a call connection to the sound providing means based on the first and the second information; and

the sound providing means call-connecting to the calling terminal, detecting a specific sound which is correspondingly set to the called terminal to provide the calling terminal with the detected specific sound if the request for the call connection is received,

wherein the specific sound is generated by combining a personal information sound for specific information, which identifies a called subscriber or represents a character of the called subscriber, with the ringback tone replacement sound which is set by the called ~~subscriber~~.
subscriber, wherein the combination includes at least (a subscriber information sound)+(a general ringback tone).

11. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein text information of the personal information sound is converted into a sound by a text-to-speech engine.

12. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 11, wherein the personal information sound is inputted via an ARS.

13. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 12, wherein the personal information sound is modulated by a voice modulation device.

14. (Previously Presented) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein the specific information includes at least one of a phone number, a name, a nick name and the character of the called subscriber.

15. (Currently Amended) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein the combination further includes at least one of:

~~(the personal information sound)+(a general ringback tone);~~
(personal information sound)+(the replacement sound)+(the personal information sound);
(the replacement sound)+(the personal information sound)+(the replacement sound);
(the personal information sound)+(a replacement sound 1)+(a replacement sound 2)+(the personal information sound);
(a personal information sound 1)+(the replacement sound 1)+(a personal information sound 2)+(the replacement sound 2); and
(the replacement sound 1)+(the personal information sound 1)+(the replacement sound 2)+(the personal information sound 2).

16. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein the personal information sound is different by time zone.

17. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein the replacement sound is different by time zone.

18. (Original) The method for sending personal information in a subscriber-based ringback tone service as claimed in claim 10, wherein the replacement sound is at least one of a basic replacement sound which is not classified by callers; a replacement sound which is classified by callers; and a replacement sound which is set by time zone.

19. (Currently Amended) An apparatus for transmitting personal information in a subscriber-based ringback tone service comprising:

a home location register for providing first information about whether or not a ringback tone set in a profile of a called terminal of a call-terminating exchanger is replaced and second information for routing to sound providing means when the called terminal is registered in the call-terminating exchanger;

the call-terminating exchanger for requesting a call connection to the sound providing means based on the first and the second information if a request for a call to the called terminal is received; and

the sound providing means for call connecting with a calling terminal, detecting a specific sound which is correspondingly set to the called terminal to provide the calling terminal with the detected specific sound if the request for the call connection is received from the call-terminating exchanger, wherein the specific sound is generated by combining a personal information sound for specific information with a common ringback tone replacement sound which is set by a called subscriber[[]] wherein the combination includes at least (a subscriber information sound)+(a general ringback tone).

20. (Previously Presented) The apparatus for transmitting personal information in a subscriber-based ringback tone service as claimed in claim 19, further comprising:

a web server connected to the Internet and communicating with the sound providing means via a gateway,

wherein the web server comprises a TTS engine for changing text of specific information which is inputted by the called subscriber and which can identify the called subscriber or can represent a character of the called subscriber, and the sound providing means generates a specific sound by combining the personal information sound transmitted from the web server with the ringback tone replacement sound set by the called subscriber to provide the calling terminal with the specific sound as the replacement sound through the call-terminating exchanger.

21. (Original) The apparatus for transmitting personal information in a subscriber-based ringback tone service as claimed in claim 19, further comprising an ARS for the called subscriber to input the specific information as a voice.

22. (Previously Presented) The apparatus for transmitting personal information in a subscriber-based ringback tone service as claimed in claim 19, wherein the specific information includes at least one of a phone number, a name, a nick name and a character of the called subscriber.

23. (Original) The apparatus for transmitting personal information in a subscriber-based ringback tone service as claimed in claim 20, wherein the web server further comprises a voice modulation device for modulating the personal information sound to various voices.

24. (Previously Presented) The apparatus for transmitting personal information in a subscriber-based ringback tone service as claimed in claim 23, wherein the personal information sound is outputted as a voice or a melody.